

Appendix C USGS-NPS VEGETATION MAPPING PROGRAM FORT LARAMIE NATIONAL HISTORIC SITE, WYOMING FINAL ASSOCIATION/COMMUNITY PHOTO SIGNATURE KEY The Photo Signature Key is to be Used with Aerial Photographs and Spatial Data Natural Color Aerial Photography Flown July 1995 1:12,000 Scale September 4, 1998					
ASSOCIATION / COMMUNITY CODE	ASSOCIATION/ COMMUNITY NAME	PHOTO SIGNATURE (describes alliance life form)	HEIGHT (meters)	CONTEXT	NOTES
01	Populus deltoides / Symphoricarpos occidentalis Woodland	COLOR: Tall to short crowns of medium to dark green dots, with shorter dark green to medium green dots, in matrix of medium green to brown TEXTURE: Coarse CROWN SIZE: Large CROWN SHAPE: Round DENSITY: Moderate to high	<6 - 50	Middle and lower floodplain terrace.	Grass or shrub understory; occurs in rows, large groups, small clumps, or isolated individuals; some sapling or young trees groups also occur
02	Pinus ponderosa / Schizachyrium scoparium Wooded Herbaceous Vegetation	COLOR: Dark green dots in white to gray green matrix TEXTURE: Coarse CROWN SIZE: Large CROWN SHAPE: Round DENSITY: Low	<5-8	Rocky escarpment of northern hills, canyons of southern hills	Occurrences in northern hills have sparse understory, those in southern hills have denser, less rocky understory
04	Salix exigua Shrubland	COLOR: Blue green, gray green, to medium green TEXTURE: Moderate CROWN SIZE: Small CROWN SHAPE: Round DENSITY: Moderate to high	<3	Lower floodplain terrace, seepage area	Short on sandbars and by river, taller in seepage area
05	Stipa comata - Yucca glauca Herbaceous Vegetation	COLOR: Gray green matrix with medium green to gray green dots TEXTURE: Smooth, fine, with moderate dots CROWN SIZE: Dots are small CROWN SHAPE: Dots are round DENSITY: Moderate to high, dot density varies	<2	Northern and southern hill areas	Densities of shrubs vary greatly; shrubs denser in southern hill area
06	Typha latifolia Western Herbaceous Vegetation	COLOR: White, gray, dark green, or black, some slight mottling TEXTURE: Smooth, fine CROWN SIZE: None CROWN SHAPE: None DENSITY: High	<3	Very wet, standing water, well saturated ground	Narrow band occurrences at edge of river are below mmu

Appendix C USGS-NPS VEGETATION MAPPING PROGRAM FORT LARAMIE NATIONAL HISTORIC SITE, WYOMING FINAL ASSOCIATION/COMMUNITY PHOTO SIGNATURE KEY The Photo Signature Key is to be Used with Aerial Photographs and Spatial Data Natural Color Aerial Photography Flown July 1995 1:12,000 Scale September 4, 1998					
ASSOCIATION / COMMUNITY CODE	ASSOCIATION/ COMMUNITY NAME	PHOTO SIGNATURE (describes alliance life form)	HEIGHT (meters)	CONTEXT	NOTES
07	Spartina pectinata - Scirpus pungens Herbaceous Vegetation	COLOR: Deep medium green TEXTURE: Smooth, fine CROWN SIZE: None CROWN SHAPE: None DENSITY: High	<2	Lower floodplain, margins of river, and sandbars	Usually very narrow bands; sometimes in understory of trees
08	Carex nebrascensis Herbaceous Vegetation	COLOR: A) Deep medium green; B) Medium to dark green clumps in a matrix of light green to medium green TEXTURE: Smooth, fine CROWN SIZE: None CROWN SHAPE: None DENSITY: High	<1.5	Lower floodplain terrace	Primarily located in the seepage area
09	Bromus inermis Disturbed Herbaceous vegetation	COLOR: Very dark green, to dark green with light irridescent white tinge TEXTURE: Smooth, fine CROWN SIZE: None CROWN SHAPE: None DENSITY: High	<1	Upper floodplain terrace north of Laramie River, middle floodplain terrace	Sometimes occurs in understory of trees
10	Upland Weedy Herbaceous Vegetation	COLOR: A) Light yellow brown to dark yellow brown to rust; B) Dark to medium green dots TEXTURE: Smooth, fine CROWN SIZE: None CROWN SHAPE: None DENSITY: High	<2	Upper floodplain terrace, valley bottom	Dark green dots on upper floodplain are weedy forbs

Appendix C USGS-NPS VEGETATION MAPPING PROGRAM FORT LARAMIE NATIONAL HISTORIC SITE, WYOMING FINAL ASSOCIATION/COMMUNITY PHOTO SIGNATURE KEY The Photo Signature Key is to be Used with Aerial Photographs and Spatial Data Natural Color Aerial Photography Flown July 1995 1:12,000 Scale September 4, 1998					
ASSOCIATION / COMMUNITY CODE	ASSOCIATION/ COMMUNITY NAME	PHOTO SIGNATURE (describes alliance life form)	HEIGHT (meters)	CONTEXT	NOTES
11	Pascopyrum smithii Herbaceous Vegetation	COLOR: A) Homogeneous medium to dark green, some yellow brown; B) Tan to light green to medium green to brown; C) Dark green with yellow brown mixed; D) Medium to light blue green TEXTURE: Smooth, fine CROWN SIZE: None CROWN SHAPE: None DENSITY: High	<1.5	Middle to lower floodplain terrace, seepage area, disturbed seeded old field area	Natural and artificial occurrences; sometimes as understory of trees
12	Stipa comata - Bouteloua gracilis / Carex filifolia Herbaceous Vegetation	COLOR: A) Gray green to tan green, sometimes with medium green or green dots scattered in varying densities; B) Homogeneous deep medium green to medium green; C) Dark olive green to dull tan green, sometimes with gray green dots; C) Medium light brown with medium green tinging mixing TEXTURE: Smooth, fine CROWN SIZE: None, or dots are small to moderate CROWN SHAPE: None, or dots are small to moderate DENSITY: High	<1	Northern and southern hills, valley bottom, and upper to middle floodplain terrace	Primarily in the valley bottom and hill areas and rises of the floodplain area
13	Sporobolus cryptandrus Disturbed Herbaceous Vegetation	COLOR: Medium green to yellow green, tan with green-yellow tinge TEXTURE: Smooth, velvety, fine CROWN SIZE: None CROWN SHAPE: None DENSITY: High	<1	Upper to middle floodplain terrace	Disturbed
14	Riverine Sand Flats - Bar Sparse Vegetation	COLOR: White to gray or gray brown TEXTURE: Smooth, fine, dots are moderate CROWN SIZE: None CROWN SHAPE: None DENSITY: None	<.5	Floodplain sandbars, lower floodplain terrace, dry to moist	Rare density of vegetation

Appendix C USGS-NPS VEGETATION MAPPING PROGRAM FORT LARAMIE NATIONAL HISTORIC SITE, WYOMING FINAL ASSOCIATION/COMMUNITY PHOTO SIGNATURE KEY The Photo Signature Key is to be Used with Aerial Photographs and Spatial Data Natural Color Aerial Photography Flown July 1995 1:12,000 Scale September 4, 1998					
ASSOCIATION / COMMUNITY CODE	ASSOCIATION/ COMMUNITY NAME	PHOTO SIGNATURE (describes alliance life form)	HEIGHT (meters)	CONTEXT	NOTES
15	Upland Sand and Gravel Sparse Vegetation	COLOR: A) Light gray to dark gray to brown gray, B) Brown to yellow brown to white, with green dots TEXTURE: Smooth, fine, dots are moderate CROWN SIZE: None CROWN SHAPE: None DENSITY: Low to Moderate	<1	Middle floodplain terrace, very dry	Scattered occurrences on middle floodplain
16	Bouteloua gracilis - Carex filifolia Herbaceous Vegetation	COLOR: Very homogeneous light gray TEXTURE: Smooth, fine CROWN SIZE: None CROWN SHAPE: None DENSITY: Very low	<1	Ridgetops of the northern and southern hills	Mainly occurs on BLM Plot 5, with a few in BLM Plots 3 and 1
17	Sandstone Rock Outcrop Sparse Vegetation	COLOR: White, sometimes with widely scattered green dots or gray green to tan tinge TEXTURE: Rough CROWN SIZE: None CROWN SHAPE: None DENSITY: None	NA	Rocky escarpment	Only occurrence is in BLM Plot 1 in northern hills